

Listing of Claims:

1. (Currently Amended) A medical image radiographing system comprising:

a control apparatus which manages a radiographed medical image and radiographing order information by relating the radiographed medical image to the radiographing order information, and which transmits the radiographing order information; and

a portable terminal which receives ~~obtains~~ the radiographing order information from the control apparatus,

wherein the portable terminal comprises:

an obtaining section which obtains identification information of a cassette which detects the radiographed medical image;

a storage section which stores the obtained identification information of the cassette and a correlation of ~~correlates~~ the identification information of the cassette with the received radiographing order information ~~obtained from the control apparatus, the radiographing order information being updated according to radiographing and which stores the~~ radiographing order information; and

a communication section which transmits the updated radiographing order information to the control apparatus ~~stored in the storage section~~; and

wherein the control apparatus comprises:

25 a storage section which stores the radiographing order information transmitted to the portable terminal;

 a communication section which receives the updated radiographing order information transmitted from the portable terminal;

30 a determination section which determines whether or not the received updated radiographing order information agrees with the radiographing order information stored in the storage section of the control apparatus; and

 a management section which updates ~~correlates~~ the radiographing order information stored in the storage section of the control apparatus ~~to with~~ the received updated radiographing order information when the determination section determines that the received updated radiographing order information does not agree with the stored radiographing order information

35 ~~identification information of the cassette correlated with the received radiographing order information, in accordance with a result determined by the determination section.~~

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2. (Currently Amended) The system of claim 1, wherein the management section stores the identification information of the cassette correlated with the radiographing order information stored in the storage section of the control apparatus, when the

5 received updated radiographing order information agrees with the radiographing order information stored in the storage section of the control apparatus.

3. (Currently Amended) The system of claim 1, wherein the control apparatus further comprises:

a display control section which displays a message which confirms ~~for confirming~~ whether or not to update ~~renew~~ the radiographing order information stored in the storage section of the control apparatus, when the determining section determines that the received updated radiographing order information disagrees with the radiographing order information stored in the storage section of the control apparatus; and

10 an input section which inputs an instruction instructing whether or not to update ~~renew~~ the radiographing order information stored in the storage section of the control apparatus; and

15 wherein the management section updates ~~renews~~ the radiographing order information stored in the storage section of the control apparatus to the received updated radiographing order information and stores the updated ~~renewed~~ radiographing order information, when the instruction to update ~~renew~~ the radiographing order information is inputted.

4. (Currently Amended) The system of claim 3, wherein in the control apparatus, the input section inputs a modification to the received updated radiographing order information; and

5 wherein the management section updates ~~renews~~ the radiographing order information stored in the storage section of the control apparatus to the modified radiographing order information, and stores the updated ~~renewed~~ radiographing order information, when the instruction to update ~~renew~~ the radiographing order information and the modification are ~~is~~
10 inputted.

5 5. (Currently Amended) The system of claim 3, wherein in the control apparatus, the storage section stores a transmission history which indicates ~~for indicating~~ whether or not the radiographing order information has been transmitted to the portable terminal;

10 wherein the display control section displays a message which confirms ~~for confirming~~ whether or not to cancel the updated ~~received~~ radiographing order information, when the determining section determines that the updated ~~received~~ radiographing order information disagrees with the radiographing order information stored in the storage section of the control apparatus;

wherein the input section inputs an instruction instructing whether or not to cancel the updated ~~received~~ radiographing order information; and

15 wherein the management section controls the communication section of the control apparatus to transmit the instruction to cancel the updated ~~received~~ radiographing order information to the portable terminal, and updates ~~stores~~ the transmission history of the radiographing order information stored in the
20 storage section of the control apparatus ~~renewed~~ to indicate that the updated radiographing order information has been canceled ~~be~~ not transmitted in the ~~storage~~ section of the control apparatus, when the instruction to cancel the updated ~~received~~ radiographing order information is inputted; and

25 wherein in the portable terminal, the communication section receives the instruction to cancel the radiographing order information transmitted from the control apparatus; and

 wherein the storage section of the portable terminal deletes the updated radiographing order information corresponding to the
30 radiographing order information for which the instruction to cancel is the received ~~radiographing order information~~.

6. (Currently Amended) The system of claim 1, further comprising an information management apparatus which

transmits the radiographing order information to the control apparatus;

5 wherein the communication section in the control apparatus transmits the radiographing order information correlated with the identification information of the cassette stored in the storage section of the control apparatus to the information management apparatus; and

10 wherein the information management apparatus comprises:

 a communication section which receives the radiographing order information correlated with the identification information of the cassette transmitted by the communication section in the control apparatus; and

15 a storage section which stores the received radiographing order information correlated with the identification information of the cassette.

7. (Currently Amended) A medical image management method for a medical image radiographing system comprising: (i) a control apparatus which manages a radiographed medical image and radiographing order information by relating the radiographed
5 medical image to the radiographing order information, and which transmits the radiographing order information, and (ii) a portable terminal which receives ~~obtains~~ the radiographing order information from the control apparatus, the method comprising:

obtaining, by the portable terminal, identification
10 information of a cassette which detects the radiographed medical
image;

storing correlating, at the portable terminal, the obtained
identification information of the cassette and a correlation of
the identification information of the cassette with the received
15 radiographing order information, the radiographing order
information being updated according to radiographing obtained
from the control apparatus;

transmitting the updated ~~correlated~~ radiographing order
information from the portable terminal to the control apparatus;

20 receiving the updated radiographing order information at the
control apparatus;

determining whether or not the received updated
radiographing order information agrees with ~~previously the~~ stored
radiographing order information; and

25 updating correlating the stored radiographing order
information to with the received updated radiographing order
identification information when it is determined that of the
~~cassette correlated with~~ the received updated radiographing order
information does not agree with the stored radiographing order
30 information , ~~in accordance with a result of said determination.~~

8. (Currently Amended) The method of claim 7, further comprising storing the identification information of the cassette correlated with the stored radiographing order information, when the received updated radiographing order information agrees with the stored radiographing order information.

9. (Currently Amended) The method of claim 7, further comprising:

displaying a message ~~which confirms~~ ~~for confirming~~ whether or not to update ~~renew~~ the stored radiographing order information, when it is determined that the received updated radiographing order information disagrees with the stored radiographing order information;

inputting an instruction instructing whether or not to update ~~renew~~ the stored radiographing order information; and

updating ~~renewing~~ the stored radiographing order information to the received updated radiographing order information, and storing the updated ~~renewed~~ radiographing order information, when the instruction to update ~~renew~~ the stored radiographing order information is inputted.

10. (Currently Amended) The method of claim 9, further comprising:

inputting a modification to the updated received
radiographing order information; and

5 updating ~~renewing~~ the stored radiographing order information
to the modified radiographing order information, and storing the
updated ~~renewed~~ radiographing order information, when the
instruction to update ~~renew~~ the stored radiographing order
information and the modification are ~~is~~ inputted.

11. (Currently Amended) The method of claim 9, further
comprising:

storing a transmission history which indicates ~~for~~
10 ~~indicating~~ whether or not the radiographing order information has
been transmitted to the portable terminal;

displaying a message which confirms ~~for confirming~~ whether
or not to cancel the updated received radiographing order
information, when it is determined that the updated received
radiographing order information disagrees with the stored
10 radiographing order information;

inputting an instruction instructing whether or not to
cancel the updated received radiographing order information;

transmitting the instruction to cancel the updated received
radiographing order information to the portable terminal, and
15 updating ~~storing~~ the transmission history of the radiographing
order information ~~renewed~~ to indicate that the updated

~~radiographing order information has been canceled~~ ~~be not~~
transmitted, when the instruction to cancel the updated received
radiographing order information is inputted;

20 receiving, at the portable terminal, the instruction to
cancel the radiographing order information; and

 deleting, at the portable terminal, the updated
radiographing order information corresponding to the
radiographing order information for which the instruction to
25 cancel ~~is the~~ received ~~radiographing order~~ information.

12. (Currently Amended) The method of claim 7, further
comprising:

 transmitting the stored radiographing order information
correlated with the identification information of the cassette to
5 an information management apparatus;

 receiving, at the information management apparatus, the
stored radiographing order information correlated with the
identification information of the cassette; and

 storing, at the information management apparatus, the
10 received radiographing order information correlated with the
identification information of the cassette.

13. (Currently Amended) A medical image management method
for a medical image radiographing system comprising: (i) a

control apparatus which manages a radiographed medical image and radiographing order information by relating the medical image to the radiographing order information and transmits the radiographing order information, and (ii) a portable terminal which receives ~~obtains~~ the radiographing order information from the control apparatus, the method comprising:

obtaining, by the portable terminal, identification information of a cassette which detects the radiographed medical image;

storing, at the portable terminal, the obtained identification information of the cassette and a correlation of the identification information of the cassette with the received radiographing order information, the radiographing order information being edited and updated according to radiographing;

~~correlating, at the portable terminal, the identification information of the cassette with the radiographing order information obtained from the control apparatus;~~

~~editing, at the portable terminal, the radiographing order information according to radiographing;~~

~~storing the edited radiographing order information in the portable terminal;~~

transmitting the updated radiographing order information from the portable terminal to the control apparatus;

receiving the updated radiographing order information at the control apparatus;

determining whether or not the updated radiographing order information received by the control apparatus agrees with the
30 ~~previously~~ stored radiographing order information; and

storing the identification information of the cassette
~~correlated with the radiographing order information received by the control apparatus~~ by relating the identification information of the cassette to the stored radiographing order information,
35 when it is determined that the updated radiographing order information received by the control apparatus agrees with the ~~previously~~ stored radiographing order information.

14. (Currently Amended) A medical image radiographing system comprising:

a control apparatus which manages a radiographed medical image and radiographing order information by relating the
5 radiographed medical image to the radiographing order information and transmits the radiographing order information; and

a portable terminal which receives ~~obtains~~ the radiographing order information from the control apparatus,

wherein the portable terminal comprises:

- 10 an obtaining section which obtains identification
information of a cassette ~~that which~~ detects the radiographed
medical image;
- a storage section which stores the obtained
identification information of the cassette and a correlation of
15 the identification information of the cassette with the received
radiographing order information, the radiographing order
information being edited and updated according to radiographing;
- ~~a correlating section which correlates the~~
~~identification information of the cassette to with the~~
20 ~~radiographing order information obtained from the control~~
~~apparatus;~~
- ~~an editing section which edits the radiographing order~~
~~information; and~~
- a communication section which transmits the updated
25 radiographing order information; and
- wherein the control apparatus comprises:
- a storage section which stores the radiographing order
information transmitted to the portable terminal;
- a communication section which receives the updated
30 radiographing order information transmitted from the portable
terminal; and
- a management section which updates ~~renews~~ the
radiographing order information stored in the storage section to

the received updated radiographing order information, correlates
35 the updated ~~renewed~~ radiographing order information with the
identification information of the cassette ~~correlated with~~ based
on the received updated radiographing order information, and
stores the identification information of the cassette in the
storage section.

15. (Currently Amended) The system of claim 14, wherein the
control apparatus further comprises a determination section which
determines whether or not the received updated radiographing
order information agrees with the radiographing order information
5 stored in the storage section,

wherein the communication section of the control apparatus
transmits a message which confirms ~~for confirming~~ whether or not
to update ~~renew~~ the stored radiographing order information to the
portable terminal, and receives an instruction on whether or not
10 to update ~~renew~~ the stored radiographing order information from
the portable terminal, when the received updated radiographing
order information disagrees with the radiographing order
information stored in the storage section, and

the management section stores the received updated
15 radiographing order information in the storage section by
updating ~~renewing~~ the stored radiographing order information to
the received updated radiographing order information, and stores

the identification information of the cassette in the storage section by relating the identification information of the cassette to the updated ~~renewed~~ radiographing order information, when the instruction to update ~~renew~~ the radiographing order information is received from the portable terminal.

16. (Currently Amended) The system of claim 15, wherein the management section in the control apparatus stores the identification information of the cassette in the storage section by relating the identification information of the cassette to the stored radiographing order information when the instruction not to update ~~renew~~ the radiographing order information is received from the portable terminal.

17. (Currently Amended) The system of claim 14, wherein in the control apparatus, the storage section stores a transmission history which indicates ~~for indicating~~ whether or not the radiographing order information is transmitted to the portable terminal,

wherein the communication section of the control apparatus transmits a message which confirms ~~for confirming~~ whether or not to cancel the received updated radiographing order information, and receives an instruction to cancel the received updated radiographing order information from the portable terminal, when

the received updated radiographing order information disagrees with the radiographing order information stored in the storage section, and

15 wherein the management section updates ~~stores~~ the transmission history for the ~~stored~~ radiographing order information in the storage section ~~by renewing the transmission history to be not indicate that the updated radiographing order information has been canceled transmitted~~ when the instruction to cancel the ~~received~~ updated radiographing order information is
20 received from the portable terminal.

18. (Currently Amended) The system of claim 14, further comprising an information management apparatus which transmits radiographing order information to the control apparatus,

5 wherein the communication section in the control apparatus transmits the updated radiographing order information correlated with the identification information of the cassette stored in the storage section to the information management apparatus, and

wherein the information management apparatus comprises:

10 a communication section which receives the updated radiographing order information correlated with the identification information of the cassette transmitted by the communication section in the control apparatus; and

a storage section ~~which stores for storing~~ the received
radiographing order information correlated with the
15 identification information of the cassette.

19. (Currently Amended) A medical image management method
for a medical image radiographing system comprising: (i) a
control apparatus which manages a radiographed medical image and
radiographing order information by relating the radiographed
5 medical image to the radiographing order information and
transmits the radiographing order information, and (ii) a
portable terminal which receives ~~obtains~~ the radiographing order
information from the control apparatus, the method comprising:

obtaining identification information of a cassette which
10 detects the radiographed medical image;
storing, at the portable terminal, the obtained
identification information of the cassette and a correlation of
the identification information of the cassette with the received
radiographing order information, the radiographing order
15 information being edited and updated;

~~correlating the identification information of the cassette~~
~~with the radiographing order information obtained from the~~
~~control apparatus;~~

~~storing the radiographing order information in the portable~~
20 ~~terminal;~~

~~editing the radiographing order information stored in the portable terminal;~~

transmitting the updated radiographing order information from the portable terminal to the control apparatus;

25 receiving the updated radiographing order information from the portable terminal;

~~updating the stored renewing~~ radiographing order information previously stored in a storage section of the control apparatus to the received updated radiographing order information;

30 correlating the identification information of the cassette, ~~correlated with~~ based on the received updated radiographing order information, with the updated ~~renewed~~ radiographing order information; and

storing the updated ~~renewed~~ radiographing order information.

20. (Currently Amended) The method of claim 19, further comprising:

determining whether or not the received updated radiographing order information agrees with the stored

5 radiographing order information ~~stored in the storage section of the control apparatus;~~

transmitting a message which confirms ~~for confirming~~ whether or not to update ~~renew~~ the stored radiographing order information ~~stored in the storage section of the control apparatus,~~ when the

10 received updated radiographing order information disagrees with
the stored radiographing order information ~~stored in the storage~~
~~section of the control apparatus;~~

receiving an instruction on whether or not to update ~~renew~~
the stored radiographing order information from the portable
15 terminal; and

storing the updated radiographing order information ~~received~~
in ~~the~~ a storage section of the control apparatus by updating
~~renewing~~ the stored radiographing order information ~~stored in the~~
~~storage section of the control apparatus~~ to the received updated
20 radiographing order information, and storing the identification
information of the cassette in the storage section of the control
apparatus by relating the identification information of the
cassette to the updated radiographing order information, when the
instruction to update ~~renew~~ the stored radiographing order
25 information ~~stored in the storage section of the control~~
~~apparatus~~ is received from the portable terminal.

21. (Currently Amended) The method of claim 20, further
comprising [[:]] storing the identification information of the
cassette in the storage section of the control apparatus by
relating the identification information of the cassette to the
5 stored radiographing order information ~~stored in the storage~~
~~section of the control apparatus~~ when the instruction not to

~~update~~ ~~renew~~ the radiographing order information is received from the portable terminal.

22. (Currently Amended) The method of claim 19, further comprising:

storing a transmission history which indicates for
~~indicating~~ whether or not the radiographing order information is
5 transmitted to the portable terminal;

transmitting a message which confirms ~~for confirming~~ whether
or not to cancel the received updated radiographing order
information, when the received updated radiographing order
information disagrees with the stored radiographing order
10 information ~~stored in the storage section of the control~~
~~apparatus;~~

receiving an instruction to cancel the received updated
radiographing order information from the portable terminal; and
updating ~~storing~~ the transmission history for the ~~stored~~
15 radiographing order information ~~in the storage section of the~~
~~control apparatus by renewing the transmission history to~~
indicate that the updated radiographing order information has
been canceled ~~be not transmitted~~ when the instruction to cancel
the received updated radiographing order information is received
20 from the portable terminal.

23. (Currently Amended) The method of claim 19, further comprising:

transmitting the updated radiographing order information and the identification information of the cassette ~~stored in the storage section of the control apparatus~~ to an information management apparatus;

receiving the updated radiographing order information and the identification information of the cassette; and

storing the received radiographing order information and the identification information of the cassette.

24. (Currently Amended) A medical image management method for a medical image radiographing system comprising: (i) a control apparatus which manages a radiographed medical image and radiographing order information by relating the radiographed medical image to the radiographing order information and transmits the radiographing order information, and (ii) a portable terminal which receives obtains the radiographing order information from the control apparatus, the method comprising:

obtaining, by the portable terminal, identification information of a cassette which detects the radiographed medical image;

storing, at the portable terminal, the obtained identification information of the cassette and a correlation of

~~the identification information of the cassette with the received
radiographing order information, the radiographing order
information being edited and updated according to radiographing;~~

~~correlating the identification information of the cassette
with the radiographing order information obtained from the
control apparatus in the portable terminal;~~

~~storing the radiographing order information correlated with
the identification information of the cassette in the portable
terminal;~~

~~editing the radiographing order information stored in the
portable terminal;~~

transmitting the updated radiographing order information
from the portable terminal to the control apparatus; and

storing the updated radiographing order information received
by the control apparatus in a storage section of the control
apparatus by updating the ~~renewing~~ radiographing order
information previously stored in the storage section of the
control apparatus to the updated radiographing order information
received by the control apparatus, and storing the identification
information of the cassette in the storage section of the control
apparatus by relating the identification information of the
cassette to the stored radiographing order information.

Claims 25-46 (Canceled).